

12-07-1998



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PATENT
U.S. No. 09/127,578
Atty. Docket No. 1208.003

I hereby certify that this paper is being deposited in the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, Attn: Box Assignments, on November 19, 1998.

Nancy L. Swanson
Nancy L. Swanson

November 19, 1998
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

11.25.98

Applicant: CRAWFORD, et al.
Serial No.: 09/127,578 Group Art: 1643
Filed: July 31, 1998 Examiner: Unassigned
For: NOVEL PICHIA PASTORIS GENE SEQUENCES AND METHODS
FOR THEIR USE

Assistant Commissioner for Patents
Washington, D.C. 20231-0001

Attn: Box Assignments

ASSIGNMENT (DOCUMENT) COVER LETTER

1. The accompanying document is an assignment executed on August 14, 1998:

X only the patent or application identified above
_____ additional patents or applications -- see attached
LIST OF APPLICATIONS/PATENTS COVERED BY ASSIGNMENT

2. Name of the party conveying the interest:

Kenneth A. Crawford -- Assignment, dated August 14, 1998
Robert Bishop -- Assignment, dated August 14, 1998

X only the patent or application identified above
_____ additional patents or applications -- see attached
LIST OF APPLICATIONS/PATENTS COVERED BY ASSIGNMENT

3. Name and address of the party receiving interest:

Chiron Corporation
4560 Horton Street
Emeryville, CA 94608-2916

4. Nature of conveyance:

 X Assignment
 Security Agreement
 Merger
 Change of Name
 Other

Execution Date: August 14, 1998

5. Number of applications or patents covered by the assignment:

 1 x \$40.00 = TOTAL FEE: \$40.00

 X Enclosed is a check for \$40.00.

 X Assistant Commissioner is hereby authorized to charge any additional fees (or credit any overpayment) associated with this communication and which may be required under 37 CFR §1.16 or §1.17 to Deposit Account No. 03-1664. This, however, is not authorization to pay the issue fee.
A duplicate sheet is attached.

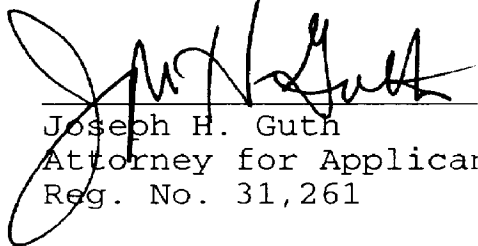
6. Please return the recorded document to:

Chiron Corporation
Intellectual Property-R440
P.O. Box 8097
Emeryville, CA 94662-8097
Attn: Joseph H. Guth

7. I hereby submit that, to the best of my knowledge and belief, the information contained herein is true and correct and any copy submitted herewith is a true and correct copy of the original document.

Respectfully submitted,

By:



Joseph H. Guth
Attorney for Applicants
Reg. No. 31,261

Date: November 18, 1998

CHIRON CORPORATION
Intellectual Property-R440
4560 Horton Street
Emeryville, CA 94608-2916
Telephone: (510) 923-3888
Facsimile: (510) 655-3542

Total Number of Pages (incl. Assignment, List or Other Documents):6

ASSIGNMENT

**WHEREAS, WE, Kenneth A. Crawford
 Robert Bishop**

hereinafter referred to as **ASSIGNORS**, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **Novel *Pichia Pastoris* Gene Sequences and Methods for Their Use**

Date of Execution: August 14, 1998

Filing Date: **July 31, 1998**

Serial No: **09/127,578**

WHEREAS, CHIRON CORPORATION, 4560 Horton Street, Emeryville, California 94608-2916, a corporation of the State of Delaware, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the above invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNORS** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNORS** have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNORS** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNORS also agree that the U.S. serial number may be entered above by **ASSIGNEE** or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.

ASSIGNORS further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

IN TESTIMONY WHEREOF, **ASSIGNORS** have hereunto signed their names to this assignment on the dates indicated below.

DATE 8/14/98

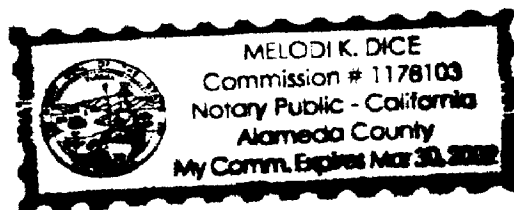
Kenneth A. Crawford
Inventor - Kenneth A. Crawford

State of California
County of ALAMEDA

On August 14, 1998 before me, MELODI DICE, Notary Public, personally appeared Kenneth A. Crawford, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Melodi K. Dice
Signature of Notary Public



Notary Seal

ASSIGNORS further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

IN TESTIMONY WHEREOF, **ASSIGNORS** have hereunto signed their names to this assignment on the dates indicated below.

DATE 11/14/98

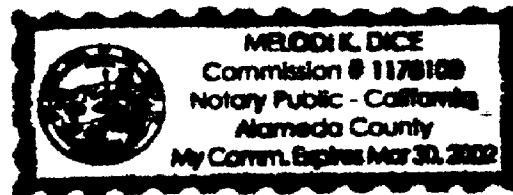
 Robert Bishop
Inventor - Robert Bishop

State of California
County of ALAMEDA

On AUGUST 11, 1998 before me, MELODI DICE , Notary Public, personally appeared Robert Bishop , personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

 Melodi K. Dice
Signature of Notary Public



Notary Seal